

B¹

Figure 3 is a simplified, diagrammatic line drawing of a preferred embodiment of the invention which emphasizes the relative placement of rollers and identifies the general direction of movement of a substrate. - -

IN THE CLAIMS:

Please amend claim 1. Please find attached a marked-up copy of amended claim 1.

SUP
C¹

1. (Amended) Method for strip-coating a metallic strip-shaped substrate with a strip of plastic comprising the successive stages:

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- B
- (i) in-situ casting of a plastic strip;
 - (ii) leading the plastic strip around a cooling roll;
 - (iii) leading away the plastic strip between an opened contact roll and the substrate until the plastic strip production is underway and stabilised;
 - (iv) bringing the plastic strip and the substrate up to speed and heating the substrate to a temperature at or above the softening temperature of the part of the plastic strip facing the substrate;
 - (v) pressing the plastic strip onto the substrate by closing the contact roll and where applicable breaking off the plastic strip and stopping it being led away, while the substrate and the cooling roll are connected by the plastic strip;
 - (vi) coating the substrate with the plastic strip;

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B² ^{SW} while performing on the plastic strip as it travels between cooling roll and contact roll at
least one of monitoring its thickness, monitoring its colour, monitoring strip tension and
trimming its width.

Please add the following new claims:

- R1.26 ^{Sub} ^{D27} 7
B³ - 15. The method of claim 1, wherein the cooling roll is internally water-cooled. - -
- 16. The method of claim 1, further comprising incorporating adhesion-promoting
molecules into the plastic strip, wherein the coating speed is high enough that the adhesion-
promoting molecules must be capable of migrating to the surface of the plastic strip within about
one second after the plastic strip contacts the substrate. - -

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